



Ashur Cherry



“Writing is the mother of speakers, the father of scholars”



Determinatives and Markers by Sign Order

Sumero-Akkadian Cuneiform



Ashur Cherry
York University
Toronto, Ontario

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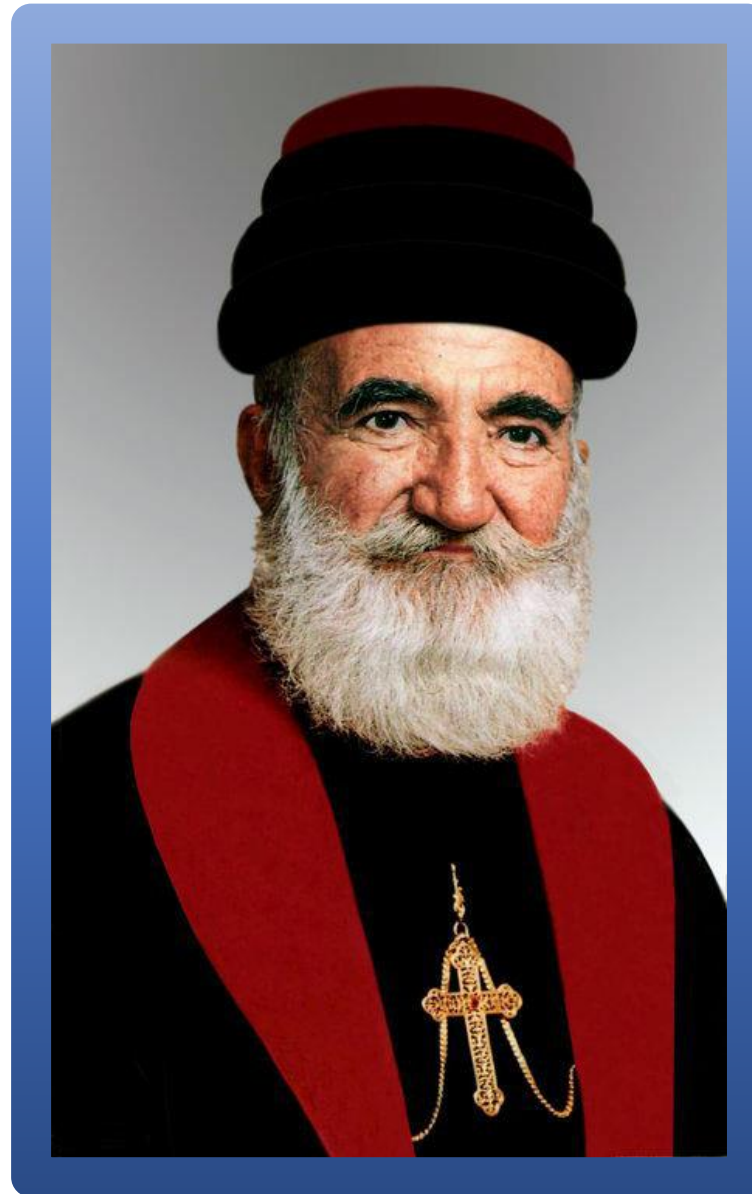
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Acknowledgement

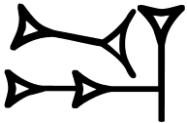
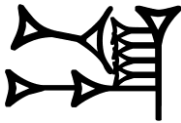
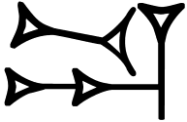











Apart from the efforts of myself, the success of any project depends largely on the encouragement of many others. I would like to show my greatest appreciation to my friends, especially late Dr. Goliath Nessian, Mr. Mirza Shmoil, Ms. Iannuzziello, Ms. Zuccarelli, Mr. Durnan, Mr. Storoschuck, Ms. Clarke, Mr. Stuart, and Miss Smith for the encouragement that I have always received from them in publishing my previous books, journal entries and developing my software. Also, I am personally would like to thank my late father, Petros Cherry, for he always supported and encouraged me while working on Assyriological projects.

I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho
Archbishop of Shamisdin and Rustaqa



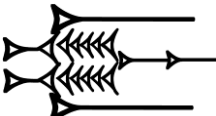


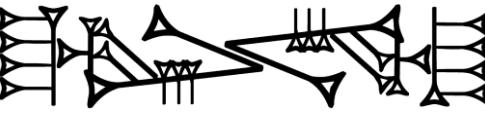

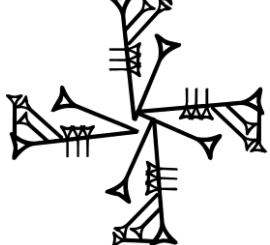


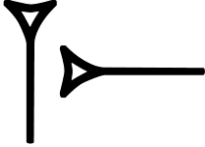




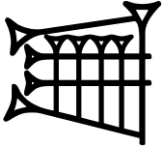

Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation
Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)

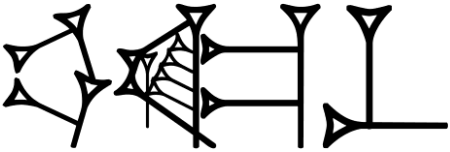
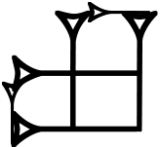
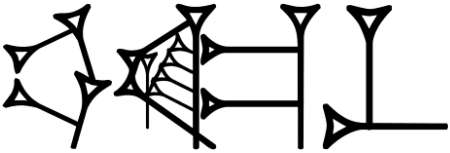
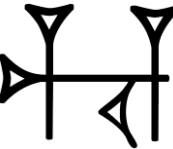
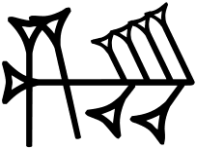

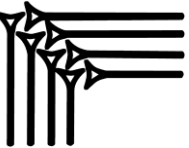
Modifiers Overview



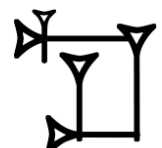
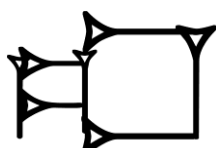
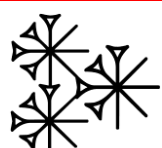

Modifier	Meaning	Sign		Example	
-gunû	four extra wedges	DU		DU-gunû	
-šeššig	added še-sign	DU		DU-šeššig	
-tenû	slanting	LÚ		LÚ-tenû	
-nutillû	unfinished	SAG		SAG-nutillû	
-zidatenû	slanting right	AŠ		AŠ-zidatenû	
-kabatenû	slanting left	AŠ		AŠ-kabatenû	
-<digits>°	rotated	NAGA		NAGA-180°	

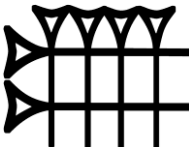






Operators Overview

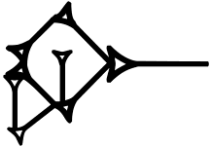
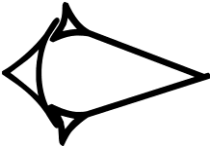
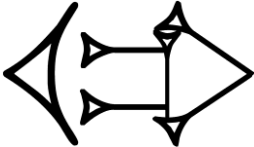
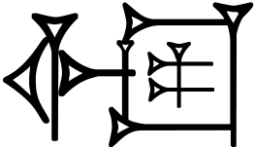

Operator	Meaning	Example	Sign
.	beside	DU . DU	
×	containing	NÍNDA×AN	
×	containing/group	NÍNDA× (ŠE . AŠ . AŠ)	
&	above	DU&DU	
%	crossing	(AŠ&AŠ&AŠ) % (AŠ&AŠ&AŠ)	
@	opposing	LUGAL@LUGAL	
3×	repeated	3×AN	
4×	repeated	4×LÚ	



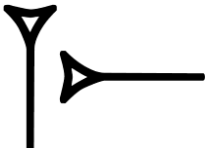



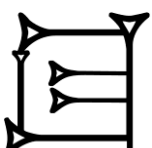
Determinative / Marker	Sign	Description
<i>diš.aš</i>		repetition marker
<i>didli</i>		marker <i>after</i> plurals
<i>d, dingir, an</i>		determinative: before divine names
<i>àm</i>		determinative: <i>after</i> ordinal numbers
<i>ta.àm</i>		determinative: <i>after</i> distributive numbers
<i>kuš</i>		determinative: before leather items, animal hide
<i>iti, itu</i>		determinative: before month names


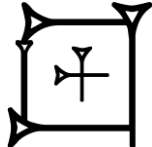



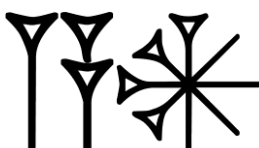
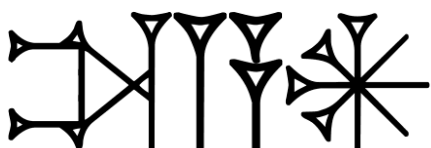
Determinative / Marker	Sign	Description
<i>zabar</i>		determinative: before copper objects (seldom)
<i>uru</i>		determinative: before cities, places
<i>zabar</i>		determinative: before copper objects (seldom)
<i>mušen</i>		determinative: <i>after</i> birds
<i>gi</i>		determinative: before (objects made with) grass, reeds
<i>gada</i>		determinative: before linen garments
<i>sa</i>		determinative: before woven items and similar

Determinative / Marker	Sign	Description
<i>iku</i>		determinative: <i>after</i> surface measures
<i>mul₅</i>		determinative: before stars
<i>elep, má</i>		determinative: before ship designations
<i>urudu</i>		determinative: before metal and metal objects
<i>mul</i>		determinative: before stars, planets; N/LB instead of <i>ul</i> or <i>te/múl</i>
<i>ta.àm</i>		determinative: <i>after</i> distributive numbers
<i>kám</i>	No sign exist	determinative: <i>after</i> ordinal numbers

Determinative / Marker	Sign	Description
<i>ú</i>		determinative: before plants and (sometimes) drugs
<i>é</i>		determinative: before buildings and parts of buildings
<i>dug</i>		determinative: before vessels
<i>lú</i>		determinative: before professions, clans, nationalities
<i>sar</i>		determinative: after garden plants
<i>nar</i>		determinative: before musicians (very seldom)
:		separation marker

Determinative / Marker	Sign	Description
<i>kam</i>	No sign exist	determinative: <i>after</i> numbers, especially ordinals
<i>im, tu₁₅, tum₉, tumu</i>		determinative: before the 4 directions, winds, clay objects
<i>áb</i>		determinative: before stars instead of <i>mul</i>
<i>ul</i>		determinative: before stars
<i>ù</i>		repetition marker
<i>ki</i>		determinative: <i>after</i> geographical and place names
<i>kimin</i>	No sign exist	repetition marker

Determinative / Marker	Sign	Description
<i>diš, I, m, p</i>		determinative: before (mainly masculine) personal names
<i>diš</i>		marker for beginning sentences and paragraphs
<i>diš.aš</i>		repetition marker
<i>me, méš</i>		marker after plurals
<i>meš</i>		marker after plurals (mainly logograms) and iterative verbs
<i>íd</i>		determinative: before rivers and canals
<i>túg</i>		determinative: before clothing and cloth

Determinative / Marker	Sign	Description
<i>zì, zíd</i>		determinative: before types of meal
<i>udu</i>		determinative: before sheep and goats
<i>síg, sík, siki</i>		determinative: before types of wool and woolen items
<i>II, min</i>		marker <i>after</i> duals
<i>min</i>		repetition marker
<i>àm</i>		determinative: after ordinal numbers
<i>ta.àm</i>		determinative: after distributive numbers

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